

Title (en)
SCREW

Title (de)
SCHRAUBE

Title (fr)
VIS

Publication
EP 2663779 B1 20180725 (DE)

Application
EP 12700280 A 20120112

Priority
• DE 102011002723 A 20110114
• EP 2012050415 W 20120112

Abstract (en)
[origin: WO2012095479A1] The invention relates to a self-boring and thread-forming screw containing a bore head (4) on the front end of the screw shaft (1) with two cutting edges (11) that run transversely to the longitudinal axis of the screw. The cutting edges (11) extend from a screw tip (10). The cutting edges form a first angle with each other in a first section (11a) that extends from the screw tip. Said first section (11a) is adjoined by a section (11b) in which the cutting edges form a greater angle with each other than in the first region. When seen from the side, the cutting edges run along two sections that form an angle with each other.

IPC 8 full level
F16B 25/00 (2006.01); **F16B 25/10** (2006.01)

CPC (source: EP)
F16B 25/0021 (2013.01); **F16B 25/0084** (2013.01); **F16B 25/103** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012095479 A1 20120719; DE 102011002723 A1 20120719; DK 2663779 T3 20181119; EP 2663779 A1 20131120;
EP 2663779 B1 20180725; PL 2663779 T3 20181231

DOCDB simple family (application)
EP 2012050415 W 20120112; DE 102011002723 A 20110114; DK 12700280 T 20120112; EP 12700280 A 20120112; PL 12700280 T 20120112